

CLAIMS

1. A data transmitting apparatus comprising:

transmitting means for amplifying a modulated signal obtained by modulating transmission data up to power with a predetermined level so as to transmit the amplified signal; and

transmission power controlling means for controlling transmission power at the time of retransmitting said transmission data.

10 2. The data transmitting apparatus according to claim 1, wherein said transmission power controlling means decides transmission power of parity bits based on a ratio of the number of information bits to the number of parity bits when said parity bits for error correction 15 are transmitted at a transmission data retransmitting time.

3. The data transmitting apparatus according to claim 1, wherein said transmission power controlling means decides transmission power of parity bits such that 20 a ratio of the transmission power of information bits and the power of parity bits and a ratio of the number of information bits to the number of parity bits become the same value when said parity bits for error correction are transmitted at a transmission data retransmitting 25 time.

4. The data transmitting apparatus according to claim 2 or 3, wherein said transmission power controlling

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means uses reception quality information sent from a receiver's apparatus in connection with the modulated signal transmitted from a side of data transmitting apparatus at the time of deciding transmission power of 5 parity bits.

5. The data transmitting apparatus according to claim 4, wherein said transmission power controlling means decides transmission power of parity bits according to reception quality information, increases said 10 transmission power when reception quality is poor, and decreases said transmission power when reception quality is good.

6. The data transmitting apparatus according to any one of claims 1 to 5, further comprising reception quality measuring means for measuring reception quality of the modulated signal received, and said transmitting means transmits reception quality information indicating the reception quality measured by said reception quality measuring means.

20 7. A base station apparatus comprising the data transmitting apparatus according to any one of claims 1 to 6.

8. A communication terminal apparatus comprising the data transmitting apparatus according to any one of 25 claims 1 to 6.

9. A data transmitting method that controls transmission power at the time of retransmitting

transmission data after transmitting said transmission data.